

FIG. 1

FIG. 2

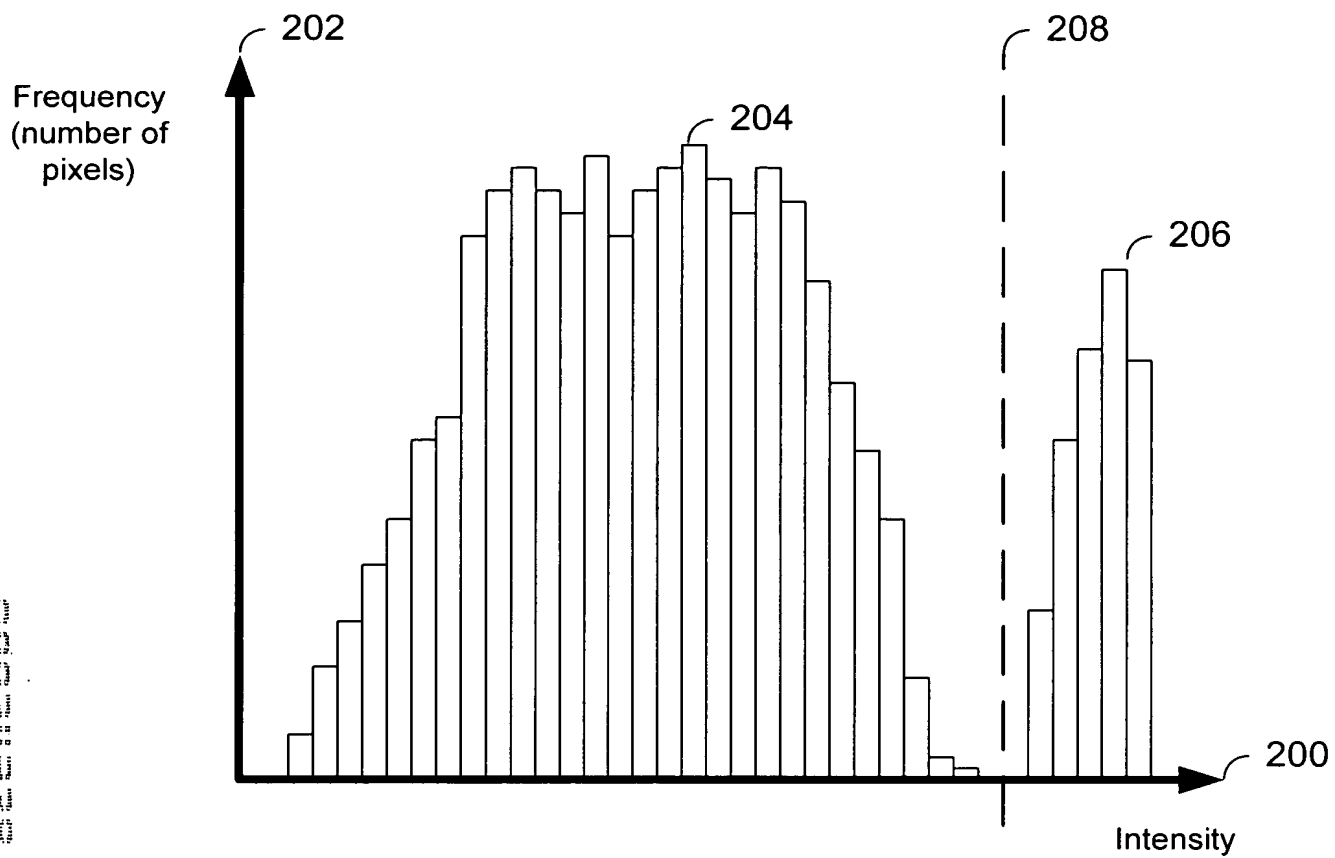


FIG. 2

10740" 324550

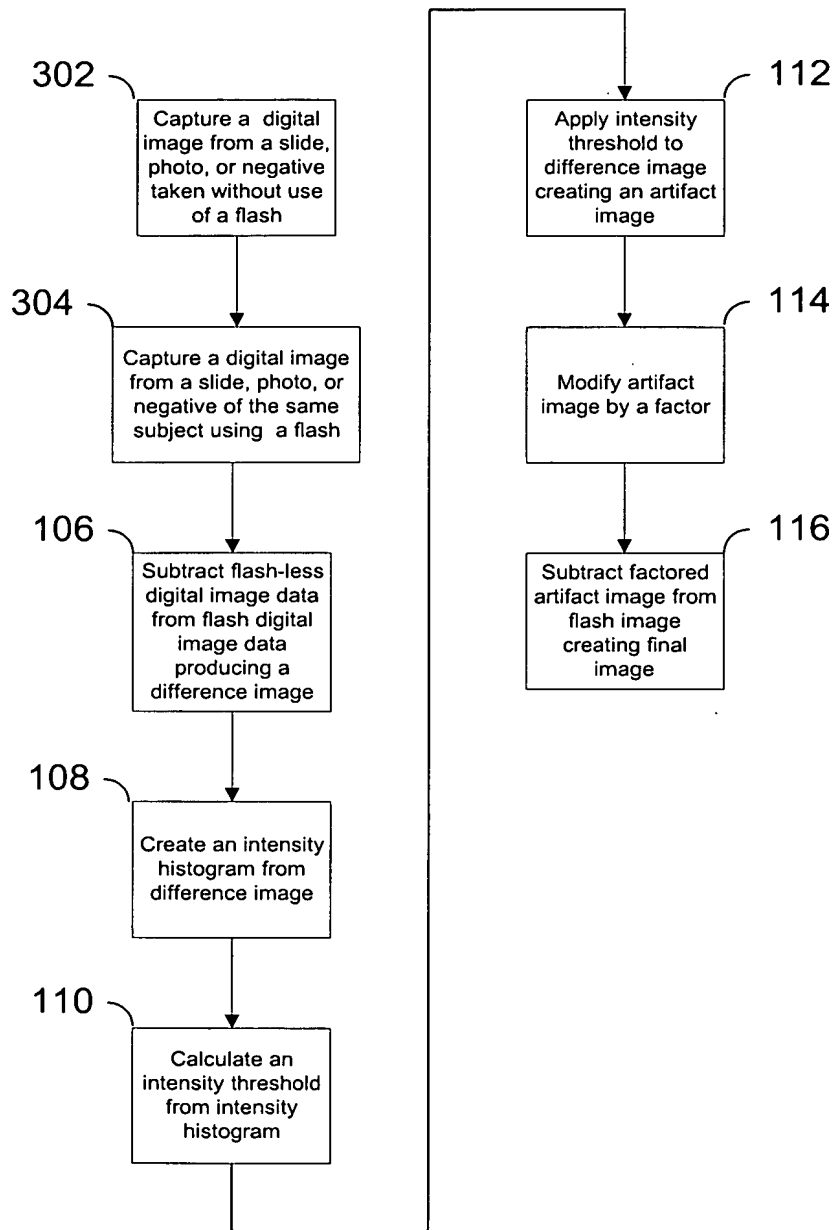


FIG. 3

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graph TD; 102[Capture a digital image without use of a flash] --> 104[Capture a digital image of the same subject using a flash]; 104 --> 400[Subtract flash-less digital image data from flash digital image data producing a separate difference image for each primary color within a color model]; 400 --> 402[Create intensity (or saturation) histograms from each difference image]; 402 --> 404[Calculate intensity (or saturation) thresholds from each intensity histogram]; 404 --> 406[Apply each intensity (or saturation) threshold to each difference image creating separate artifact images for each primary color within a color model]; 406 --> 408[Combine the separate artifact images into a single full-color artifact image]; 408 --> 410[Modify full-color artifact image by a factor]; 410 --> 412[Subtract factored artifact image from flash image creating final image];
```

102 Capture a digital image without use of a flash

104 Capture a digital image of the same subject using a flash

400 Subtract flash-less digital image data from flash digital image data producing a separate difference image for each primary color within a color model

402 Create intensity (or saturation) histograms from each difference image

404 Calculate intensity (or saturation) thresholds from each intensity histogram

406 Apply each intensity (or saturation) threshold to each difference image creating separate artifact images for each primary color within a color model

408 Combine the separate artifact images into a single full-color artifact image

410 Modify full-color artifact image by a factor

412 Subtract factored artifact image from flash image creating final image

FIG. 4

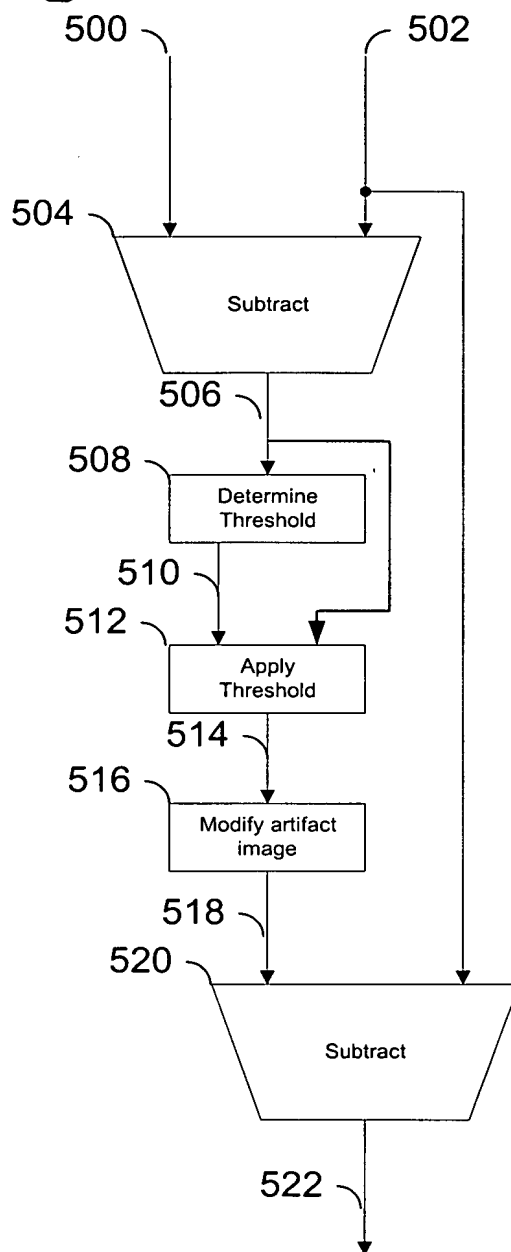


FIG. 5

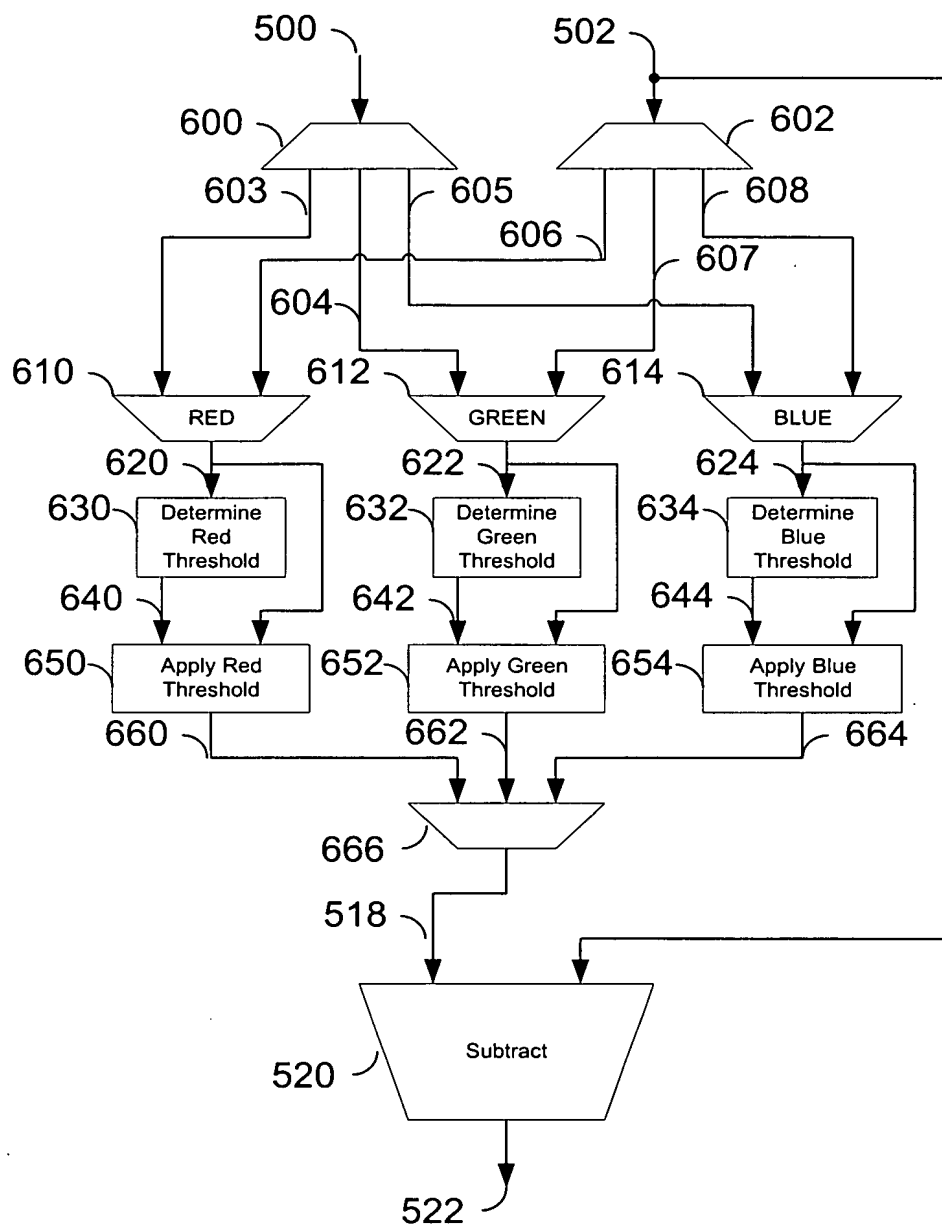


FIG. 6

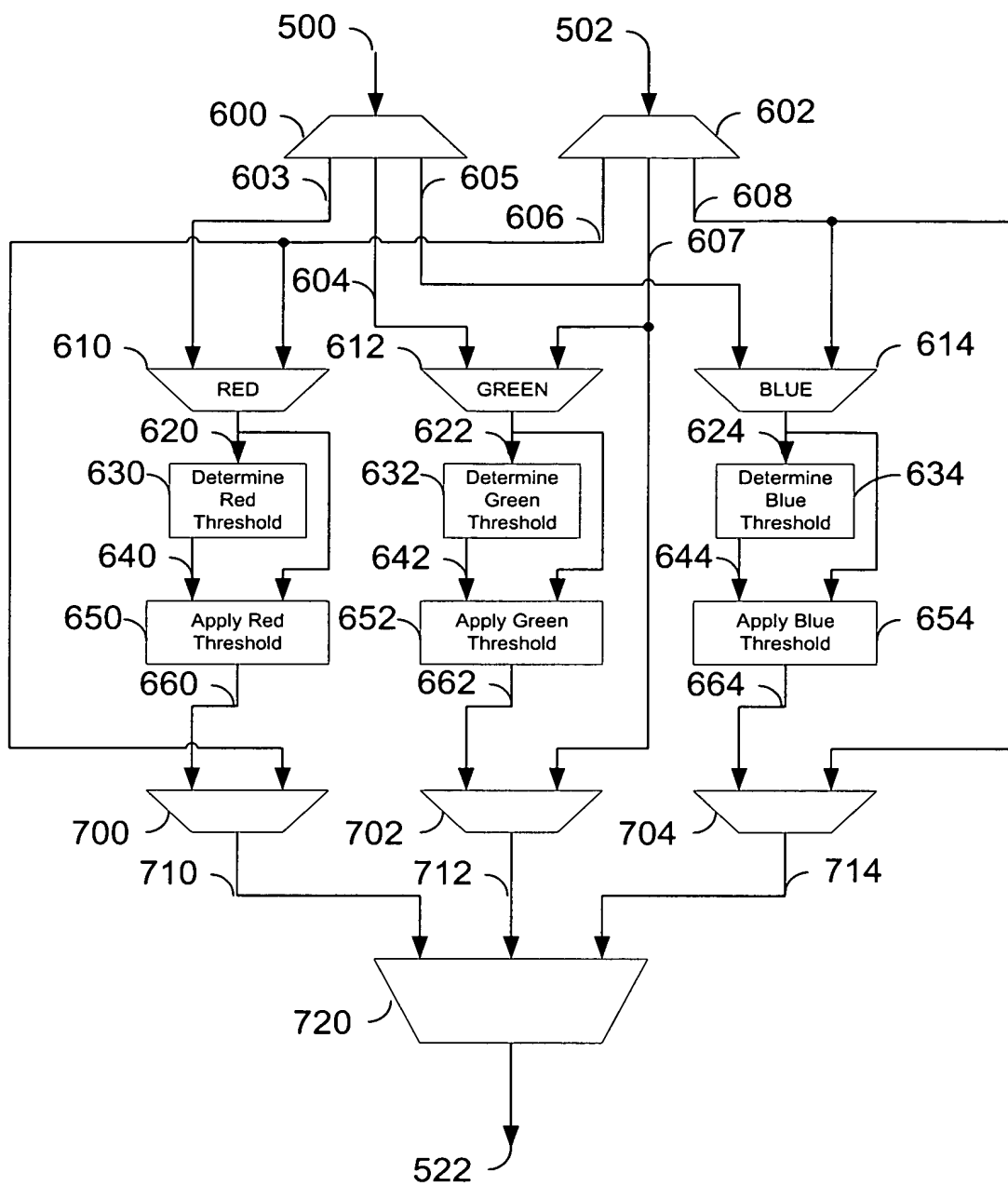


FIG. 7

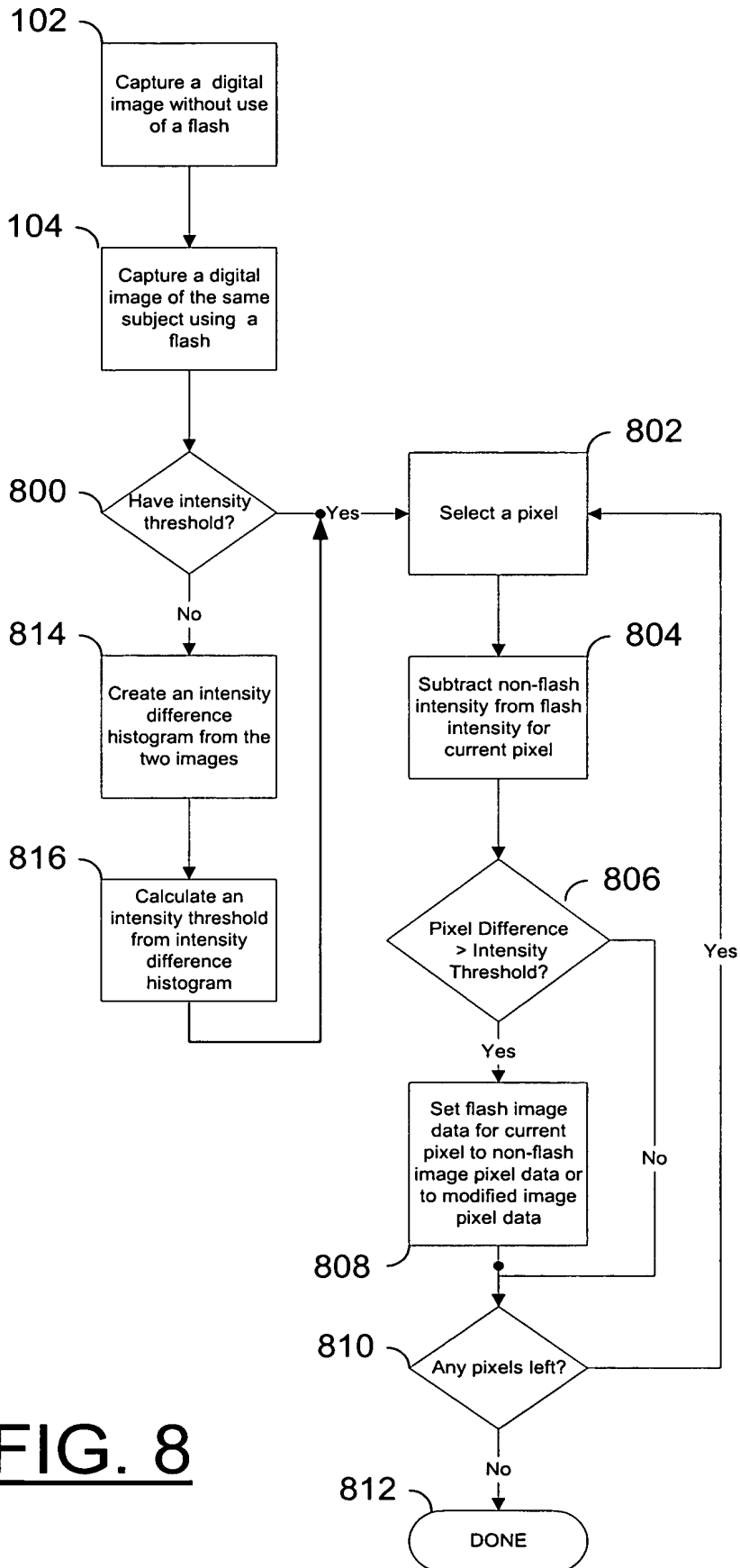


FIG. 8